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Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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of

12

Complete if Known

Application Number	10/371,149	10/371,149
Filing Date	02/20/2002	11/14/03
First Named Inventor	Gunars E. Valkirs	et. al.
Group Art Unit	4632	1641
Examiner Name	L. Cool	
Attorney Docket Number	071949-5408	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
L/C	A1	6,235,489 B1		Jackowski et al.	May 22, 2001	
L/C	A2	6,268,223 B1		Cornell-Bell et al.	July 31, 2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
L/C	A3	WO	00/52476 A1		Skye Pharmatech Incorporated	Sept. 8, 2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
L/C	A4	Feinberg et al., "Guidelines for the Management of Transient Ischemic Attacks." Stroke, 25(6): 1320-1335, June 1994.	
	A5	Herrmann et al., "Release of Glial tissue-specific proteins after acute stroke: A comparison analysis of serum concentrations of protein S-100B and Glial fibrillary acidic protein." Stroke, 31:2670-2677, 2000.	
	A6	Napoli et al., "C-reactive protein in ischemic stroke: An independent prognostic factor." Stroke, 32:917-924, 2001.	
	A7	Strand et al., "Brain and plasma proteins in spinal fluid as markers for brain damage and severity of stroke." Stroke: 15(1): 138-144, 1994.	
L/C	A8	Hirashima et al., "Elevation of platelet activating factor, inflammatory cytokines, and coagulation factors in the internal jugular vein of patients with subarachnoid hemorrhage." Neurochemical Research, 22(10): 1249-1255, 1997.	

Examiner Signature

John L. Cool

Date Considered

12/29/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Application Number	10/1371,449 10/24,078
Filing Date	02/20/2002 11/14/03
First Named Inventor	Gunars E. Valkirs et. al.
Group Art Unit	1832 1641
Examiner Name	L. Cook
Attorney Docket Number	071949-5408

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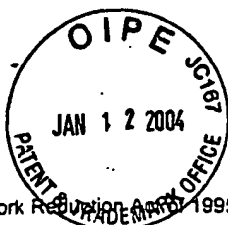
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/225,082 10/24/02
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	4632 1641
		Examiner Name	L. Cook
Sheet	1	of	21
		Attorney Docket Number	071949-5408

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
L/C	A1	5,114,923		Seilhamer et al.	May 19, 1992	
	A2	5,480,792		Buechler et al.	Jan. 2, 1996	
	A3	5,525,524		Buechler et al.	Jun. 11, 1996	
	A4	5,631,171		Sandstrom et al.	May 20, 1997	
	A5	5,679,526		Buechler et al.	Oct. 21, 1997	
	A6	5,824,799		Buechler et al.	Oct. 20, 1998	
	A7	5,851,776		Valkirs	Dec. 22, 1998	
	A8	5,885,527		Buechler	Mar. 23, 1999	
	A9	5,922,615		Nowakowski et al.	Jul. 13, 1999	
	A10	5,939,272		Buechler et al.	Aug. 17, 1999	
	A11	5,947,124		Buechler et al.	Sep. 7, 1999	
	A12	5,955,377		Maul et al.	Sep. 21, 1999	
	A13	5,985,579		Buechler et al.	Nov. 16, 1999	
	A14	6,019,944		Buechler	Feb. 1, 2000	
	A15	6,057,098		Buechler et al.	May 2, 2000	
	A16	6,113,855		Buechler et al.	Sep. 5, 2000	
	A17	6,143,576		Buechler	Nov. 7, 2000	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
L/C	A18		WO 01/16599	Viotech Imaging, LLC	March 8, 2001	

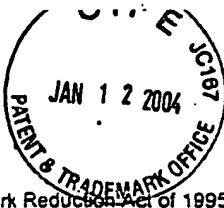
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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L/C	A19	Aggarwal et al., "Evaluation of serum lipid profile and cardiac enzyme changes in cerebrovascular accidents," JIMA, 93:331-332, 1995.	X

Examiner Signature	<i>Olivia X Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/225,082 10/24/02
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et. al.
		Group Art Unit	1632 1641
Examiner Name	L. Cook		
Sheet 2 of 21	Attorney Docket Number	071949-5408	

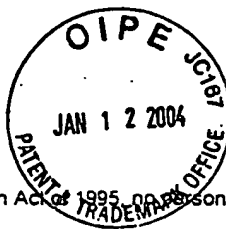
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
L/C	A20	Akiyama et al., "Changes in serum concentrations of matrix metalloproteins, tissue inhibitors of metalloproteinases and Type IV collagen in patients with various types of glomerulonephritis," Res. Commun. In Mol. Path. and Pharm., 95(2): 115-128, 1997.	
	A21	Albrecht et al., "Detection of circulating tissue factor and factor VII in a normal population," Thrombosis and Haemostasis, 75(5): 772-7, 1996.	
	A22	Albrechtsen and Bock, "Quantification of glial fibrillary acidic protein (GFAP) in human body fluids by means of ELISA employing a monoclonal antibody," Journal of Neuroimmunology, 8:301-309, 1985.	
	A23	Austgulen et al., "Increased maternal plasma levels of soluble adhesion molecules (ICAM-1, VCAM-1, E-selectin) in preeclampsia," Eur. J. Obstet. Gynecol. Reprod. Biol., 71:53-58, 1997.	
	A24	Banks et al., "Circulating intercellular adhesion molecule-1 (ICAM-1), E-selectin and vascular cell adhesion molecule-1 (VCAM-1) in human malignancies," Br. J. Cancer, 68:122-124, 1993.	
	A25	Bates et al., "Neurotrophin-3 promotes cell death induced in cerebral ischemia, oxygen-glucose deprivation, and oxidative stress: possible involvement of oxygen free radicals," Neurobiology of Disease, :24-37, 2002.	
	A26	Benamer et al., "Comparison of the prognostic value of C-reactive protein and troponin I in patients with unstable angina pectoris," Am. J. Cardiol., 82:845-850, 1998.	
	A27	Berendes et al., "Secretion of brain natriuretic peptide in patients with aneurysmal subarachnoid haemorrhage," Lancet, 349:245-249, 1997.	
	A28	Bialik et al., "Myocyte apoptosis during acute myocardial infarction in the mouse localizes to hypoxic regions but occurs independently of p53," J.Clin.Invest., 100(6): 1363-1372, 1997.	
	A29	Biasucci et al., "Elevated levels of interleukin-6 in unstable angina," Circulation, 94:874-877, 1996.	
L/C	A30	Biasucci et al., "Episodic activation of the coagulation system in unstable angina does not elicit an acute phase reaction," Am. J. of Cardiol., 77:85-87, 1996.	

Examiner Signature	<i>Olivia L. Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/225,062 10/24, 078
Filing Date	08/20/2002 11/14/03
First Named Inventor	Gunars E. Valkirs G. V.
Group Art Unit	1632 1641
Examiner Name	L. Cook
Attorney Docket Number	071949-5408

Sheet 3 of 21

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
WC	A31	Biasucci et al., "Increasing levels of interleukin (IL)-1Ra and IL-6 during the first 2 days of hospitalization in unstable angina are associated with increased risk of in-hospital coronary events," Circulation, 99:2079-2084, 1999.	
	A32	Bitsch et al., "A longitudinal prospective study of soluble adhesion molecules in acute stroke," Stroke, 29:2129-2135, 1998.	
	A33	Blankaert et al., "Constitutive release of metalloproteinase-9 (92-kd Type IV collagenase) by Kaposi's sarcoma cells," J. Acquir. Immune Defic. Syndr. Hum. Retrovirol., 18:203-209, 1998.	
	A34	Blann et al., "Soluble intercellular adhesion molecule-1, E-selectin, vascular cell adhesion molecule-1 and von Willebrand factor in stroke," Blood Coagul. Fibrinolysis, 10:277-284, 1999.	
	A35	Bollensen et al., "Adenylate kinase enzyme activity in cases of brain infarction," Acta Neurol. Scand., 79:53-58, 1989.	
	A36	Bonfrer et al., "The luminescence immunoassay S-100: a sensitive test to measure circulating S-100B: its prognostic value in malignant melanoma," Brit. Jour. Of Cancer, 77(12): 2210-2214, 1998.	
	A37	Bonow, "New insights into the cardiac natriuretic peptides," Circulation, 93:1946-1950, 1996.	
LVC	A38	Bossink et al., "Plasma levels of the chemokines monocyte chemotactic proteins-1 and -2 are elevated in human sepsis," Blood, 86(10): 3841-3847, 1995.	

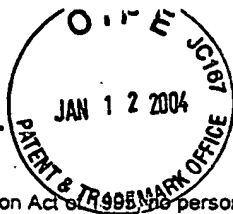
Examiner
Signature*Officer L. Cook*Date
Considered

12/29/06

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		Application Number	10/225,002 10/214,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	4632 1641
		Examiner Name	L. COOL
Sheet	4	of	21
		Attorney Docket Number	071949-5408

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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LWC	A39	Caligiuri et al., "Immune system activation follows inflammation in unstable angina: pathogenetic implications," J.Am. Coll. Cardiol., 32:1295-1304, 1998.	
	A40	Carlstedt et al., "Proinflammatory cytokines, measured in a mixed population on arrival in the emergency department, are related to mortality and severity of disease," Journal of Internal Medicine, 242:361-365, 1997.	
	A41	Carter et al., "Platelet GP IIIa P1A and GP Ib variable number tandem repeat polymorphisms and markers of platelet activation in acute stroke," Arterioscler Thromb. Vasc. 18:1124-1131, 1998.	
	A42	Carter et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein," Nature, 344:633-638, 1990.	
	A43	Catto et al., "von Willebrand factor and factor VIII: C in acute cerebrovascular disease," Thromb. Haemost., 77:1104-8, 1997.	
	A44	Curzen et al., "Can C reactive protein or troponins T and I predict outcome in patients with intractable unstable angina?" Heart, 80:23-27, 1998.	
	A45	Dangas et al., "Correlation of serum lipoprotein(a) with the angiographic and clinical presentation of coronary artery disease," Am. J. Cardiol., 83:583-585, 1999.	
LWC	A46	Davie et al., "The coagulation cascade: initiation, maintenance and regulation," Biochemistry, 30(43): 10363-10370, 1991.	

Examiner Signature	<i>Olivia L. Cook</i>	Date Considered	12/29/06
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		Application Number	10/225,082 10/24,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	1632-1641
		Examiner Name	L. Cook
Sheet	5 of 21	Attorney Docket Number	071949-5408

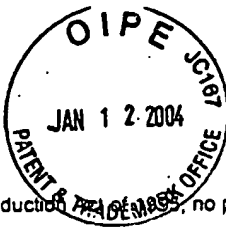
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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L/C	A47	DeRose et al., "Circulating adhesion molecules in cystic fibrosis," Am. J. Respir. Crit. Care Med., 157: 1234-1239, 1998.	
	A48	Eisenberg et al., "Interleukin 1 receptor antagonist is a member of the interleukin 1 gene family: evolution of a cytokine control mechanism," Proc. Nat. Acad. Sci. USA, 88: 5232-5236, 1991.	
	A49	Emsley et al., "Crystal structure of the von Willebrand factor A1 domain and implications for the binding of platelet glycoprotein Ib," Journal of Biological Chemistry, 273(17): 10396-10401, 1998.	
	A50	Endo et al., "Elevated levels of serum and plasma metalloproteinases in patients with gastric cancer," Anticancer Research, 17:2253-2258, 1997.	
	A51	Estrada et al., "High plasma levels of endothelin-1 and atrial natriuretic peptide in patients with acute ischemic stroke," Am. J. of Hypertension, 7(12): 1085-1089, 1994.	
	A52	Fassbender et al., "Proinflammatory cytokines in serum of patients with acute cerebral ischemia: kinetics of secretion and relation to the extent of brain damage and outcome of disease," Journal of the Neurological Sciences, 122:135-139, 1994.	
	A53	Feinberg et al., "Hemostatic markers in acute ischemic stroke," Stroke, 27:1296-1300, 1996.	
L/C	A54	Fernandes-Alnemri et al., "CPP32, a novel human apoptotic protein with homology to <i>Caenorhabditis elegans</i> cell death protein Ced-3 and mammalian interleukin-1 β -converting enzyme," Journal of Biological Chemistry, 269(49): 30761-30764, 1994.	

Examiner Signature	<i>Lisa. Cook</i>	Date Considered	12/29/06
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(use as many sheets as necessary)		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs Jr. et al.
		Group Art Unit	1632 1641
		Examiner Name	L. Cool
Sheet	6 of 21	Attorney Docket Number	071949-5408

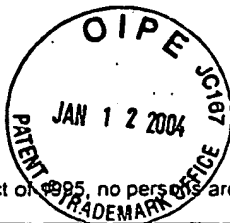
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
LVC	A55	Fisher et al., "Serum concentrations and peripheral secretion of the beta chemokines monocyte chemoattractant protein 1 and macrophage inflammatory protein 1 α in alcoholic liver disease," Gut, 45(3): 416-420, 1999.	
	A56	Fon et al., "Hemostatic markers in acute transient ischemic attacks," Stroke, 25(2): 282-286, 1994.	
	A57	Fujii et al., "Hemostasis in spontaneous subarachnoid hemorrhage," Neurosurgery, 37(2): 226-234, 1995.	
	A58	Fujii et al., "Serial changes of hemostasis in aneurysmal subarachnoid hemorrhage with special reference to delayed ischemic neurological deficits," J.Neurosurg., 86:594-602, 1997.	
	A59	Fujii et al., "Hemostasis in spontaneous subarachnoid hemorrhage," Neurosurgery, 37(2): 226-234, 1995.	
	A60	Gabay et al., "Interleukin-1 receptor antagonist (IL-1Ra) is an acute-phase protein," J.Clin. Invest., 99(12): 2930-2940, 1997.	
	A61	George et al., "Evidence for altered hepatic matrix degradation in genetic haemochromatosis," Gut, 42: 715-720, 1998.	
LVC	A62	Gohji et al., "Elevation of serum levels of matrix metalloproteinase-2 and -3 as new predictors of recurrence in patients with urothelial carcinoma," Circulation, 99:608-613, 1999.	

Examiner Signature	<i>Olivia L. Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/226,082 10/24,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs J.E. 91
		Group Art Unit	4632 1641
		Examiner Name	L. Cook
Sheet	7	of	21
		Attorney Docket Number	071949-5408

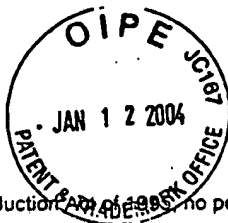
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	A64	Guimaraes et al., "Potent constrictor actions of endothelin-1, endothelin-2, and endothelin-3 in rat isolated portal vein," Hypertension, 19(supp. II): II79-II86, 1992.	
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	A66	Hasegawa et al., "Increased levels of calbindin-D in serum and urine from patients treated by extracorporeal shock wave lithotripsy," Journal of Urology, 149:1414-1418, 1993.	
	A67	Hayasaka et al., "Elevated plasma levels of matrix metalloproteinase-9 (92-kd type IV collagenase/gelatinase B) in hepatocellular carcinoma," Hepatology, 24:1058-1062, 1996.	
	A68	Heinrich et al., "Association of variables of coagulation, fibrinolysis and acute-phase with atherosclerosis in coronary and peripheral arteries and those arteries supplying the brain," Thrombosis and Haemostasis, 73(3): 374-379, 1995.	
	A69	Hirashima et al., "Elevation of platelet activating factor, inflammatory cytokines, and coagulation factors in the internal jugular vein of patients with subarachnoid hemorrhage," Neurochem. Res., 22: 1249-1255, 1997.	
LVC	A70	Hirashima et al., "Cerebrospinal fluid tissue factor and thrombin-antithrombin III complex as indicators of tissue injury after subarachnoid hemorrhage," Stroke, 28:1666-1670, 1997.	

Examiner Signature	<i>Lisa L. Cook</i>	Date Considered	12/29/06
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		Application Number	10/225,082 10/214,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs J.E. ad.
		Group Art Unit	4632 1641
		Examiner Name	L. Cook
Sheet	8	of	21
		Attorney Docket Number	071949-5408

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LVC	A71	Hunt et al., "The amino-terminal portion of Pro-brain natriuretic peptide (pro-BNP) circulates in human plasma," Biochem. Biophys. Res. Commun., 214:1175-1183, 1995.	
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	A74	Jacque et al., "Myelin basic protein in CSF and blood," Arch. Neurol., 39: 557-560, 1982.	
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Examiner Signature	<i>Lisa L Cook</i>	Date Considered	12/29/06
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		Application Number	10/225,082 10/24/02
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	1632 1641
		Examiner Name	LCOOLC
Sheet	9	of	21
		Attorney Docket Number	071949-5408

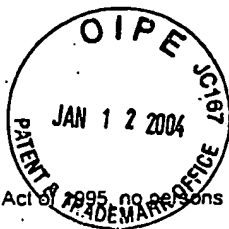
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LKC	A79	Jougasaki et al., "Adrenomedullin: potential in physiology and pathophysiology," Life Sciences, 66(10): 855-872, 2000.	
	A80	Kaneko et al., "Circulating levels of β -chemokines in systemic lupus erythematosus," J. Rheumatol., 26: 568-573, 1999.	
	A81	Kario et al., "'Silent' cerebral infarction is associated with hypercoagulability, endothelial cell damage, and high Lp(a) levels in elderly Japanese," Arterioscler. Thromb. Vasc. Biol., 16: 734-741, 1996.	
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LKC	A86	Kim et al., "Kidney as a major clearance organ for recombinant human interleukin-1 receptor antagonist," J.Pharm. Sci., 84:575-580, 1995.	

Examiner Signature	<i>Olivia X Cook</i>	Date Considered	12/29/06
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		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs
		Group Art Unit	1632 1141
		Examiner Name	L. COOK
Sheet	10	of	21
		Attorney Docket Number	071949-5408

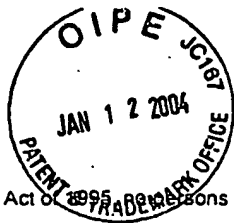
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LVC	A87	Kim et al., "Serial measurement of interleukin-6, transforming growth factor- β , and S-100 protein in patients with acute stroke," Stroke, 27:1553-1557, 1996.	
	A88	Koyama et al., "Determination of plasma tissue factor antigen and its clinical significance," Br. J. Haematol., 87:343-347, 1994.	
	A89	Krupinski et al., "Protein kinase expression and activity in the human brain after ischaemic stroke," Acta Neurobiol. Exp. 58:13-21, 1998.	
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	A92	Landi et al., Hypercoagulability in acute stroke: prognostic significance." Neurol., 37: 1667-1671, 1987.	
	A93	Laskowitz et al., "Serum markers of cerebral ischemia," J.Stroke Cerebrovasc. Dis., 7:234-241, 1998	
LVC	A94	Latini et al., "Cytokines in acute myocardial infarction: selective increase in circulating tumor necrosis factor, its soluble receptor, and interleukin-1 receptor antagonist," J.Cardiovasc. Pharmacol., 23:1-6, 1994.	

Examiner Signature	Olisa. X Cook	Date Considered	12/29/06
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/225,082 10/24/02
Filing Date	08/20/2002 11/14/03
First Named Inventor	Gunars E. Valkirs et. al.
Group Art Unit	1632 1641
Examiner Name	L. COOZ
Attorney Docket Number	071949-5408

Sheet 11 of 21

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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LVC	A95	Lee and Bondy, "Insulin-like growth factors and cerebral ischemia," Ann. N.Y. Acad. Sci., 679:418-422, 1993.	
	A96	Lee et al., "Proteolytic processing of big endothelin-3 by the kell blood group protein," Blood, 94:1440-50, 1999.	
	A97	Legos et al., "Quantitative changes in interleukin proteins following focal stroke in the rat," Neurosci. Letter, 282:189-192, 2000.	
	A98	Lein et al., "Metalloproteinasen (MMP-1, MMP-3) and ihre inhibitoren (TIMP) im blutplasma bei patienten mit prostatakarzinom," Urologe [A], 37:377-381, 1998.	
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LVC	A102	Long et al., "p53 and the hypoxia-induced apoptosis of cultured neonatal rat cardiac myocytes," J. Clin. Invest., 99:2635-2643, 1997.	

Examiner
Signature

Lisa. X Cook

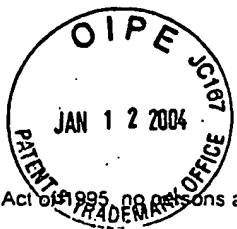
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		First Named Inventor	Gunars E. Valkirs et. al.
		Group Art Unit	1632 1641
		Examiner Name	L. Cook
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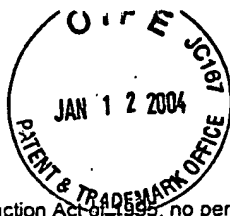
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LVC	A103	Love et al., "Activation of caspase-3 in permanent and transient brain ischaemia in man," Neuroreport, 11:2495-2499, 2000.	
	A104	Maiuri et al., "Serum and cerebrospinal fluid enzymes in subarachnoid haemorrhage," Neurol. Res., 11:6-8, 1989.	
	A105	Manicourt et al., "Serum levels of collagenase, stromelysin-1, and TIMP-1," Arthritis Rheum., 37:1774-1783, 1994.	
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LVC	A110	McKeating et al., "Leukocyte adhesion molecule profiles and outcome after traumatic brain injury," Acta Neurochir. Suppl., 71:200-202, 1998.	

Examiner Signature	<i>Olivia K. Cook</i>	Date Considered	12/29/06
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		Examiner Name	L. Cook
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LVC	A111	McKeating et al., "Transcranial cytokine gradients in patients requiring intensive care after acute brain injury," Br. J. Anaesth., 78:520-523, 1997.	
	A112	Missler et al., "S-100 protein and neuron-specific enolase concentrations in blood as indicators of infarction volume and prognosis in acute ischemic stroke," Stroke, 28, 1956-1960, 1997.	
	A113	Miyata et al., "Conformational changes in the A1 domain of von Willebrand factor modulating the interaction with platelet glycoprotein Iba," Biol. Chem., 271:9046-9053, 1996.	
	A114	Montalescot et al., "Early increase of von Willebrand factor predicts adverse outcome in unstable coronary artery disease," Circulation, 98:294-299.	
	A115	Moore et al., "Collagenase expression in ovarian cancer cell lines," Gynecol. Oncol., 65:78-82, 1997.	
	A116	Mori et al., "Vasodilator effects of C-type natriuretic peptide on cerebral arterioles in rats," Eur. J. Pharmacol., 320:183-186, 1997.	
	A117	Mowla et al., "Biosynthesis and post-translational processing of the precursor to brain-derived neurotrophic factor," J.Biol. Chem., 276: 12660-12666, 2001.	
LVC	A118	Mun-Bryce and Rosenberg, "Matrix metalloproteinases in cerebrovascular disease," J.Cereb. Blood Flow Metab., 18:1163-1172, 1998.	

Examiner Signature	<i>Lisa J. Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known			
		Application Number	10/226,002 10/31/03		
(use as many sheets as necessary)		Filing Date	08/20/2002 11/14/03		
		First Named Inventor	Gunars E. Valkirs et al.		
		Group Art Unit	4632 1641		
		Examiner Name	L. Cook		
Sheet	14	of	21	Attorney Docket Number	071949-5408

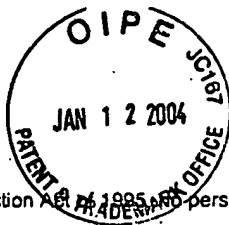
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LVC	A119	Niebroj-Dobosz et al., "Immunochemical analysis of some proteins in cerebrospinal fluid and serum of patients with ischemic strokes." Folia Neuropathol., 32: 129-137, 1994.	
	A120	Nishiyama et al., "Simultaneous elevation of the levels of circulating monocyte chemoattractant protein-1 and tissue factor in acute coronary syndromes," Jpn. Circ. J., 62:710-712, 1998.	
	A121	Nishizawa et al., "Protein kinase C δ and α are involved in the development of vasospasm after subarachnoid hemorrhage," Eur. J. Pharmacol., 398: 113-119, 2000.	
	A122	Ohtsuka et al., "Clinical implications of circulating soluble Fas and Fas ligand in patients with acute myocardial infarction," Coron. Artery Dis., 10:221-225, 1999.	
	A123	Oltrona et al., "C-Reactive protein elevation and early outcome in patients with unstable angina pectoris," Am. J. Cardiol., 80:1002-1006, 1997.	
	A124	Otsuki et al., "Circulating vascular cell adhesion molecule-1 (VCAM-1) in atherosclerotic NIDDM patients," Diabetes, 46:2096-2101, 1997.	
	A125	Persson et al., "S-100 protein and neuron-specific enolase in cerebrospinal fluid and serum: markers of cell damage in human central nervous system," Stroke, 18:911-918, 1987.	
LVC	A126	Phanithi et al., "Mild hypothermia mitigates post-ischemic neuronal death following focal cerebral ischemia in rat brain: Immunohistochemical study of Fas, caspase-3 and TUNEL," Neuropathol., 20:273-282, 2000.	

Examiner Signature	<i>Lisa J. Cook</i>	Date Considered	12/29/06
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		Application Number	10/225,882 10/24,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs eh ah
		Group Art Unit	1632 1641
		Examiner Name	L. COOK
Sheet	15	of	21
		Attorney Docket Number	071949-5408

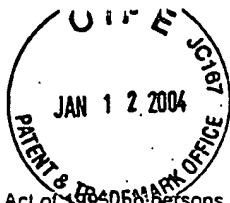
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L/C	A127	Polin et al., "Detection of soluble E-selectin, ICAM-1, VCAM-1, and L-selectin in the cerebrospinal fluid of patients after subarachnoid hemorrhage," J. Neurosurg., 89:559-567, 1998.	
	A128	Prickett et al., "Identification of amino-terminal pro-C-type natriuretic peptide in human plasma," Biochem. Biophys. Res. Commun., 286:513-517, 2001.	
	A129	Quinn et al., "Mapping of antigenic sites in human neuron-specific enolase by expression subcloning," Clin. Chem., 40: 790-795, 1994.	
	A130	Ray et al., "Predictive factors of tumor response and prognostic factors of survival during lung cancer chemotherapy," Cancer Detect. Prev., 22: 293-304, 1998.	
	A131	Rebuzzi et al., "Incremental prognostic value of serum levels of troponin T and C-reactive protein on admission in patients with unstable angina pectoris," Am. J. Cardiol., 82:715-719, 1998.	
	A132	Robey et al., "Binding of C-reactive protein to chromatin and nucleosome core particles," J. Biol. Chem., 259:7311-7316, 1984.	
	A133	Romanic et al., "Matrix metalloproteinase expression increases after cerebral focal ischemia in rats," Stroke, 29:1020-1030, 1998.	
L/C	A134	Rosenberg, "Matrix metalloproteinases in brain injury," J. Neurotrauma, 12:833-842, 1995.	

Examiner Signature	<i>Quisa. X Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/226-082 10/214,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	1632 1641
		Examiner Name	L. Cook
Sheet	16	of	21
		Attorney Docket Number	071949-5408

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
L/C	A135	Rubattu et al., "The gene encoding atrial natriuretic peptide and the risk of human stroke," Circulation, 100:1722-1726, 1999.	
	A136	Rucinski et al., "Clearance of human platelet factor 4 by liver and kidney: its alteration by heparin," Am. J. Physiol., 251: H800-H807, 1986.	
	A137	Saraste A., "Morphologic criteria and detection of apoptosis," Herz., 24:189-195, 1999.	
	A138	Schabitz et al., "Intraventricular brain-derived neurotropic factor reduces infarct size after focal cerebral ischemia in rats," J.Cereb. Blood Flow Metab., 14: 500-506, 1997.	
	A139	Schaller et al., "Elevated levels of head activator in human brain tumors and in serum of patients with brain and other neurally derived tumors," J.Neuro-Oncol., 6:251-258, 1988.	
	A140	Schwab et al., "Plasma insulin-like growth factor I and IGF binding protein 3 levels in patients with acute cerebral ischemic injury," Stroke, 28:1744-1748, 1997.	
	A141	Seki et al., "Sustained activation of blood coagulation in patients with cerebral thrombosis," A. J. Hematol., 50: 155-160, 1995.	
L/C	A142	Seki et al., "Plasma levels of thrombomodulin and lipoprotein (a) in patients with cerebral thrombosis," Blood Coagul. Fibrinolysis, 8:391-396, 1997.	

Examiner Signature	<i>Olivia X Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/225,082 10/214,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et. al.
		Group Art Unit	1632 1641
		Examiner Name	L. Cook
Sheet	17	of	21
		Attorney Docket Number	071949-5408

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
LVC	A143	Shyu et al., "Serum levels of intercellular adhesion molecule-1 and E-selectin in patients with acute ischaemic stroke," J. Neurol., 244:90-93, 1997.	
	A144	Sixma et al., "Von Willebrand factor and the blood vessel wall," Mayo Clin. Proc., 66:628-633, 1991.	
	A145	Skogseid et al., "Increased serum creatine kinase BB and neuron specific enolase following head injury indicates brain damage," Acta Neurochir (Wein), 115: 106-111, 1992.	
	A146	Sorbi et al., "Elevated levels of 92-kd type IV collagenase (Matrix metalloproteinase 9) in giant cell arteritis," Arthritis Rheum., 39:1747-1753, 1996	
	A147	Steiner et al., "Increased levels of soluble adhesion molecules in Type 2 (Non-insulin dependent) diabetes mellitus are independent of glycaemic control," Thromb. Haemost., 72:979-984, 1994.	
	A148	Stockman et al., "Secondary structure and topology of interleukin-1 receptor antagonist protein determined by heteronuclear three-dimensional NMR spectroscopy," Biochemistry, 31:5237-5245, 1992.	
	A149	Stroemer et al., "Cortical protection by localized striatal injection of IL-1ra following cerebral ischemia in the rat," J.Cereb. Blood Flow Metab., 17:597-604, 1997.	
LVC	A150	Suga et al., "Clinical significance of MCP-1 levels in BALF and serum in patients with interstitial lung diseases," Eur. Respir. J., 14:376-382, 1999.	

Examiner Signature	<i>Oliver X Cook</i>	Date Considered	12/29/06
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		Application Number	10/225,082 10/214,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	1632 1641
		Examiner Name	L. Cook
Sheet	18	of	21
		Attorney Docket Number	071949-5408

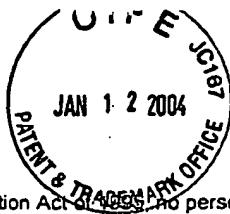
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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LVC	A151	Svini et al., "Brain natriuretic peptide and cerebral vasospasm in subarachnoid hemorrhage: Clinical and TCD correlations," Stroke, 31:118-122, 2000.	
	A152	Switalska et al., "Radioimmunoassay of human platelet thrombospondin: different patterns of thrombospondin and β -thromboglobulin antigen secretion and clearance from the circulation," J. Lab. Clin. Med., 106: 690-700, 1985.	
	A153	Takahashi et al., "Tissue factor in plasma of patients with disseminated intravascular coagulation," Am. J. Hematol., 46:333-337, 1994.	
	A154	Takano et al., "Markers of a hypercoagulable state following acute ischemic stroke," Stroke, 23:194-198, 1992.	
	A155	Tateyama et al., "Concentrations and molecular forms of human brain natriuretic peptide in plasma," Biochem. Biophys. Res. Commun., 185:760-7, 1992.	
	A156	Teitz Textbook of Clinical Chemistry, 2 nd edition, Carl Burtis and Edward Ashwood eds. Philadelphia: W.B. Saunders and Company, p. 496.	
	A157	Thomas et al., "Serum myelin basic protein, clinical responsiveness, and outcome of severe head injury," Acta Neurochir. Suppl., 28: 93-95, 1979.	
LVC	A158	Tohgi et al., "Coagulation-fibrinolysis abnormalities in acute and chronic phases of cerebral thrombosis and embolism," Stroke, 21: 1663-1667, 1990.	

Examiner Signature	<i>Queen L Cook</i>	Date Considered	12/29/06
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		Application Number	10/225,082 10/214,078
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	1632 1641
		Examiner Name	L. Cook
Sheet	19	of	21
		Attorney Docket Number	071949-540B

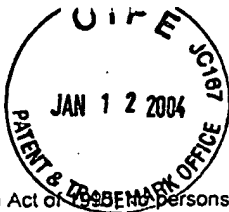
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WC	A159	Tomida et al., "Plasma concentrations of brain natriuretic peptide in patients with subarachnoid hemorrhage," Stroke, 29:1584-1587, 1998.	
	A160	Tousoulis et al., "Von Willebrand factor in patients evolving Q-wave versus non-Q-wave acute myocardial infarction," Int. J. Cardiol., 56:259-262, 1996.	
	A161	Trotter et al., "Immunoreactive myelin proteolipid protein-like activity in cerebrospinal fluid and serum of neurologically impaired patients," Ann. Neurol., 14: 554-558, 1983.	
	A162	Uchiyama et al., "Alterations of platelet, coagulation, and fibrinolysis markers in patients with acute ischemic stroke," Semin. Thromb. Hemost., 23: 535-541, 1997.	
	A163	Usui et al., "β-enolase in blood plasma during open heart surgery," J.Neurol., 123:134-139, 1994.	
	A164	Wada et al., "Poor outcome in disseminated intravascular coagulation or thrombotic thrombocytopenic purpura patients with severe vascular endothelial cell injuries," Am. J. Hematol., 58:189-194, 1998.	
	A165	Wang et al., "Monocyte chemoattractant protein-1 messenger RNA expression in rat ischemic cortex," Stroke, 26:661-665, 1995.	
WC	A166	Wijdicks et al., "Natriuretic peptide system and endothelin in aneurysmal subarachnoid hemorrhage," J. Neurosurg., 87:275-280, 1997.	

Examiner Signature	Olisa. L Cook	Date Considered	12/29/06
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		Application Number	10/225,082 10/24/02
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et. al.
		Group Art Unit	1632 1691
		Examiner Name	L. Cook
Sheet	20	of	21
		Attorney Docket Number	071949-5408

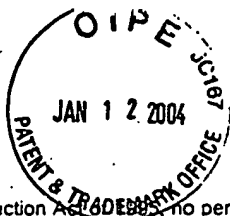
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LVC	A167	Wilkins et al., "The natriuretic-peptide family," Lancet, 349:1307-1310, 1997.	
	A168	Winnikes et al., "Head activator as a potential serum marker for brain tumor analysis," Eur. J. Cancer, 28:421-424, 1992.	
	A169	Woertgen et al., "Comparison of serial S-100 and NSE serum measurements after severe head injury," Acta Neurochir (Wien), 139: 1161-1165, 1997.	
	A170	Yamagami et al., "Differential production of MCP-1 and cytokine-induced neutrophil chemoattractant in the ischemic brain after transient focal ischemia in rats," J. Leukoc. Biol., 65:744-749, 1999.	
	A171	Yamazaki et al., "Alterations of haemostatic markers in various subtypes and phases of stroke," Blood Coagul., Fibrinolysis, 4:707-712, 1993.	
	A172	Yang et al., "Overexpression of interleukin-1 receptor antagonist in the mouse brain reduces ischemic brain injury," Brain Res. 751: 181-188, 1997.	
	A173	Yap et al., "Contraction to big endothelin-1, big endothelin-2 and big endothelin-3, and endothelin-converting enzyme inhibition in human isolated bronchi," Br. J. Pharmacol., 129:170-7, 2000.	
LVC	A174	Yazdani et al., "Percutaneous interventions after the hemostatic profile of patients with unstable versus stable angina," J. Am. Coll. Cardiol., 30:1284-1287, 1997.	

Examiner Signature	<i>Lisa L. Cook</i>	Date Considered	12/29/06
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PTO/SB/08 (08-00)

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/225,982 10/24/03
		Filing Date	08/20/2002 11/14/03
		First Named Inventor	Gunars E. Valkirs et al.
		Group Art Unit	1632 1641
		Examiner Name	L. Cook
Sheet	21 of 21	Attorney Docket Number	071949-5408

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
L/C	A175	Yoneda et al., "Identification of a novel adenylate kinase system in the brain: Cloning of the fourth adenylate kinase," Mol. Brain Res., 62: 187-195, 1998.	
	A176	Yoshimura et al., "Human monocyte chemoattractant protein-1 (MCP-1)," FEBS Lett., 244:487-493, 1989.	
	A177	Yoshitomi et al., "Plasma levels of adrenomedullin in patients with acute myocardial infarction," Clin. Sci. 94:135-9, 1998	
L/C	A178	Zucker et al., "Increased serum stromelysin-1 levels in systemic lupus erythematosus: lack of correlation with disease activity," J.Rheumatol., 26:78-80, 1999.	

Examiner Signature	<i>Lisa Cook</i>	Date Considered	12/29/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/714,078
		Filing Date	11/14/2003
		First Named Inventor	Valkirs et al.
		Group Art Unit	4651 1641
		Examiner Name	L. Cook
Sheet 1 of 1	Attorney Docket Number	071949-5408	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
L/C	A1	5352587		Chang et al.	10-04-1994	
L/C	A2	5422393		Bricker et al.	06-06-1995	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

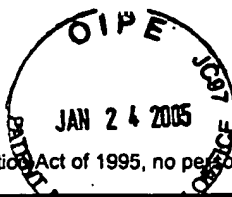
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
L/C	A3	International Search Report and the Written Opinion of the International Searching Authority from PCT Application No. PCT/US04/12024.	

Examiner Signature	<i>Lisa. X Cook</i>	Date Considered	12/29/06
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Substitute for form PTO/SB/08 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: January 20, 2005 (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/672,977 10/21/03
Sheet 1 of 1		Filing Date	09/26/2003 11/14/03
		First Named Inventor	Gunars Valkirs
		Group Art Unit	3670-1641
		Examiner Name	Unknown L. Cook
		Attorney Docket Number	071949-5408

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
LVC	A1	5786163		Hall	07-28-1998	
	A2	6627457		Pandian et al.	09-30-2003	
LVC	A3	6670138		Gonzalez-Zulueta et al.	12-30-2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	
LVC	A4	Huttunen et al., "Coregulation of neurite outgrowth and cell survival by amphoterin and S100 proteins through receptor for advanced glycation end products (RAGE) activation. The Journal of Biological Chemistry, 275:40096-40105, 2000.		
	A5	Mussack et al., Early cellular brain damage and systemic inflammatory response after cardiopulmonary resuscitation or isolated severe head trauma: a comparative pilot study on common pathomechanisma. Resuscitation, 49:193-199, 2001.		
	A6	Yakoviev et al., Activation of CPP32-Like caspases contributes to neuronal apoptosis and neurological dysfunction after traumatic brain injury. The Journal of Neuroscience, 17(19): 7415-724, 1997.		
	A7	International Search Report for international application No. PCT/US04/26984		
LVC	A8	Notice of References Cited, PTO-892, Part of Paper No. 20041202 from U.S. Application No. 10/225,082 filed August 20, 2002.		

Examiner Signature	<i>Lisa L. Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT JUN 27 2005 (Use as many sheets as necessary)				Complete if Known	
Application Number				10/714,078	
Filing Date				11/14/2003	
First Named Inventor				Gunars E. Valkirs	
Group Art Unit				1664 1641	
Examiner Name				Unknown L. Cook	
Attorney Docket Number				071949-5408	
Sheet	1	of	1		

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.¹	Foreign Patent Document		Name of Patente or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁶
		Office³	Number⁴ (if known)				

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Examiner Signature	<i>Quinn L Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

1

of

1

Complete if Known

Application Number	10/714,078
Filing Date	11/14/2003
First Named Inventor	VALKIRS
Group Art Unit	1651 1641
Examiner Name	L. Cook
Attorney Docket Number	071949-5408

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

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L/C	A1	Harter et al., Caspase-3 activity is present in cerebrospinal fluid from patients with traumatic brain injury. Journal of Neuroimmunology, 121:76-78, 2001.	

Examiner
Signature

L. Cook

Date
Considered

12/29/06

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Application Number

10/714,078

Filing Date

11/14/2003

First Named Inventor

Gunars E. Valkirs

Group Art Unit

1651 1641

Examiner Name

Unassigned L. Cook

Attorney Docket Number

071949-5408

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
L/C	A1	5,206,140		Marder et al.	04-27-1993	
L/C	A2	6,309,888		Holvoet et al.	10-30-2001	
L/C	A3	6,461,828		Stanton et al.	10-08-2002	

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

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L/C	A4	FONAROW et al., "Combining Natriuretic Peptides and Necrosis Markers in Determining Prognosis in Heart Failure," Reviews in Cardiovascular Medicine, 2003, Suppl. 4, Vol. 4						1
L/C	A5	RICHARDS et al., "Neuroendocrine prediction of left ventricular function and heart failure after acute myocardial infarction," Heart, 1999, pp. 114-120, Vol. 81						1
L/C	A6	SAADY et al., "Left appendage: structure function, and role in thromboembolism," Heart, 1999, pp. 547-555, Vol. 82						1

Examiner Signature

Lisa L. Cook

Date Considered

12/29/06

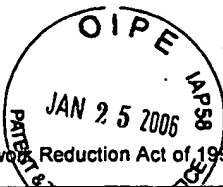
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/714,078
		Filing Date	11/14/2003
		First Named Inventor	Gunars E. Valkirs
		Group Art Unit	1651 1641
Examiner Name	Unassigned	L Cook	
Attorney Docket Number	071949-5408		

Sheet 1 of 2

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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U.S. PATENT APPLICATION DOCUMENTS						
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
LVC	A1	WO	02/083913		Biosite Diagnostics, Inc.	10-24-2002		

NON PATENT LITERATURE DOCUMENTS				
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L/C ①	A2	CASSIN et al., <i>È realizzabile una strategia operative piu efficace per la gestione in urgenza del paziente con dolore toracico acuto?</i> , Ital Heart J Suppl, Feb. 2000, pp. 186-201, Vol. 1		
L/C	A3	FUTTERMAN et al., <i>Novel Markers in the Acute Coronary Syndrome: BNP, IL-6, PAPP-A</i> , American Journal of Critical Care, March 2002, pp. 168-172, Vol. 11, No. 2		
L/C	A4	HUNT et al., <i>Immunoreactive amino-terminal pro-brain natriuretic peptide (NT-PROBNP): a new marker of cardiac impairment</i> , Clinical Endocrinology, 1997, pp. 287-296, Vol. 47		

① only English abstract considered.

Examiner Signature	<i>Olivia L Cook</i>	Date Considered	12/29/06
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/714,078
				Filing Date	11/14/2003
				First Named Inventor	Gunars E. Valkirs
				Group Art Unit	1651-1641
				Examiner Name	Unassigned L. Cook
Sheet	2	of	2	Attorney Docket Number	071949-5408

[illegible]

Examiner Signature	<i>Olivia Klock</i>	Date Considered	12/29/06
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OIPE APR 24 2006 (use as many sheets as necessary)		Substitute for form 1449B/PTO		Complete if Known	
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
1	of	1	Application Number	10/714,078	
			Filing Date	11/14/2003	
			First Named Inventor	Gunars E. Valkirs	
			Group Art Unit	1651 1641	
			Examiner Name	Unknown LCOOK	
			Attorney Docket Number	071949-5408	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
LYC	A1	2003/0022235		Dahlen et al.	01-30-2003	
LYC	A2	5,290,678		Jackowski	03-01-1994	

U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code ² (if known)			

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